



DESIGN, DEVELOPMENT
AND EUROPEAN MANUFACTURING

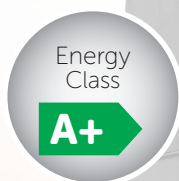


— ECOTOP —

DOMESTIC HOT WATER

ECONOMY | COMFORT | EFFICIENCY

PROBABLY THE MOST ADVANCED SOLAR
WATER HEATER IN THE WORLD



New Design

We select the best components and subject our systems to rigorous quality testing to ensure maximum customer satisfaction



MADE IN EUROPE

MAXIMUM PRODUCTIVITY WITH SOLAR GAIN



- HEAT IS CAPTURED IN THE FORM OF SOLAR RADIATION, ENVIRONMENTAL TEMPERATURE, RAIN, WIND AND EVEN SNOW.
- THE HEAT PRODUCED ON COLDER DAYS, EVEN AT NIGHT IS SUFFICIENT TO PRODUCE THE WATER TEMPERATURE DESIRED.
- THE SOLAR PANEL IS LIGHT, DISCREET AND VERSATILE IN TERMS OF WHERE TO PUT IT.
- OUTSIDE CYLINDER CONDENSER (NO CONTACT WITH WATER).
- 3RD GENERATION THERMODYNAMIC SOLAR ENERGY.
- HOT WATER UP TO 55°C AVAILABLE 24H PER DAY.
- LOW MAINTENANCE.
- THE ENERGY CONSUMPTION OF THE EQUIPMENT IS REDUCED DUE TO A VERY EFFICIENT COMPRESSOR.
- NO DEFROST CYCLE.
- VERSIONS WITH 1 OR 2 THERMODYNAMIC SOLAR PANELS.
- STAINLESS STEEL CYLINDER.
- WITH OR WITHOUT SUPPLEMENTARY COIL.

Electronic Controller

ECO Operating Mode

The equipment only works as a Thermodynamic Solar System.

AUTO Operating Mode

The equipment works as a Thermodynamic Solar System and/or electrical support should it be required.

BOOST Operating mode

The equipment works with a Thermodynamic Solar System and electrical support simultaneously.



Check warranty conditions



MAXIMUM EFFICIENCY

PV intelligent function

With Smart PV Integration included, the ENERGIE Solar System absorbs the extra power generated by PV Panels, Wind Energy or Small Hydro storing, that would be lost energy, into the water, enabling you to save even more.

- 1 Thermodynamic Solar Panel
- 2 DHW Cylinder
- 3 Thermodynamic Block
- 4 PV Panels
- 5 Inverter



List of equipment from the range

| Model | No. of Panels | Enameled | Stainless Steel | Thermal Power W(Med/Max) | Power Consumption W(Med/Max) | Electrical Supply V/Hz | Extra Coil | Liters | No. of People | ErP Class | Tapping Profile | Ø/height (mm) |
|------------|---------------|----------|-----------------|-----------------------------|---------------------------------|---------------------------|------------|--------|---------------|-----------|-----------------|---------------|
| Eco 100esm | 1 | x | | 1250 2100 | 350 600 | 220-240/50 | | 100 | 2 | A+ | M | 520/1275 |
| Eco 200i | 1 | | | 1250 2100 | 350 600 | 220-240/50 | | 200 | 4 | A+ | L | 580/1720 |
| Eco 250i | 1 | | x | 1250 2100 | 350 600 | 220-240/50 | | 250 | 4 | A+ | XL | 580/1900 |
| Eco 300i | 1 | | x | 1250 2100 | 350 600 | 220-240/50 | | 300 | 5 | A+ | XL | 650/1835 |
| Eco 200ix | 1 | | x | 1250 2100 | 350 600 | 220-240/50 | | 195 | 4 | A+ | L | 580/1720 |
| Eco 250ix | 1 | | x | 1250 2100 | 350 600 | 220-240/50 | | 245 | 4 | A+ | XL | 580/1900 |
| Eco 300ix | 1 | | x | 1250 2100 | 350 600 | 220-240/50 | | 295 | 5 | A+ | XL | 650/1835 |
| Eco 250is | 2 | | x | 2800/4550 | 595/890 | 220-240/50 | | 250 | 5 | A+ | XL | 580/1900 |
| Eco 300is | 2 | | x | 2800/4550 | 595/890 | 220-240/50 | | 300 | 6 | A+ | XL | 650/1835 |
| Eco 250isx | 2 | | x | 2800/4550 | 595/890 | 220-240/50 | | 245 | 5 | A+ | XL | 580/1900 |
| Eco 300isx | 2 | | x | 2800/4550 | 595/890 | 220-240/50 | | 295 | 6 | A+ | XL | 650/1835 |

esm (enameled) | i (Stainless Steel) | s (2 Solar Panels) | x (Extra Coil)



THERMODYNAMIC SOLAR SYSTEM OPERATING PRINCIPLE

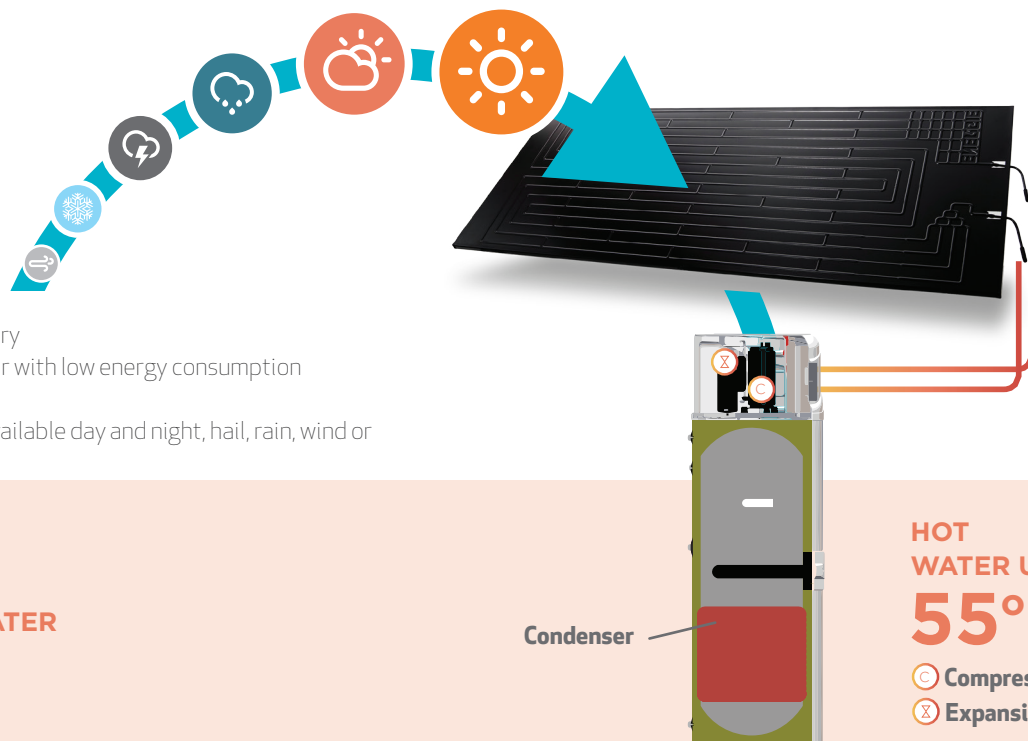
Solar Panel

- Captures heat regardless of climate.
- Primary circuit does not need to dissipate excess heat on hotter days.
- Good architectural integration due to flexibility with panel location.



Equipment

- No ducts required
- No ventilation required
- No defrost cycle necessary
- Very efficient compressor with low energy consumption
- No back-up required
- Hot water guaranteed, available day and night, hail, rain, wind or shine up to 55°C



DOMESTIC HOT WATER

Condenser

HOT
WATER UP TO
55°C

C Compressor
X Expansion Valve



More detailed information on
energie.pt



Authorized Dealer



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Project co-financed by:



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